

PATENT ABSTRACTS OF JAPAN

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(21)Application number : 01-083568 (71)Applicant : TOSHIBA CORP
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(54) ORGANIC ELECTROLUMINESCENT ELEMENT

(57)Abstract:

PURPOSE: To obtain the subject element having high luminous intensity and luminous efficiency and capable of controlling the emission wavelength by providing a luminescent layer comprising a specified thin film of organic dyes between electrodes at least one of which transmits light.

CONSTITUTION: Between two electrodes at least one of which transmits light is provided a luminescent layer which comprises a thin film of organic dyes, made of a dispersion formed by mixing a first organic dye (e.g. anthracene) with a second organic dye having the light absorption edge on the side of wavelength longer than the light absorption edge of the first organic dye (e.g. perylene, tetracene or pentacene) in an amount of 10mol% or less based on the first organic dye.

LEGAL STATUS

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